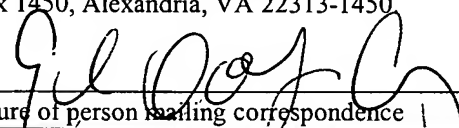


IAP10 Rec'd PCT TO 16 DEC 2005

PATENT
ATTORNEY DOCKET NO. 00786/436002

| Certificate of Mailing | |
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| Date of Deposit: <u>December 16, 2005</u> | Label Number: <u>EV 768764368 US</u> |
| I hereby certify under 37 C.F.R. § 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 | |
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|-------------|--|---------------|------------------|
| Applicants: | Ruvkun and Frand | Art Unit: | Not Yet Assigned |
| Serial No.: | 10/540,445 | Examiner: | Not Yet Assigned |
| Filed: | June 22, 2005 | Customer No.: | 21559 |
| Title: | METHODS AND COMPOSITIONS OF ECDYSOZOAN MOLT INHIBITION | | |

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY TO NOTIFICATION OF MISSING REQUIREMENTS

In reply to the Notification of Missing Requirements that was mailed in connection with the above-captioned application on October 24, 2005, a copy of which is enclosed, Applicants, as a small entity, submit the following:

- A Combined Declaration and Power of Attorney in compliance with 37 C.F.R. § 1.497(a) and (b), identifying the application by the international application number and international filing date.
- A surcharge under 37 C.F.R. § 1.492(h) of \$65.00, because the declaration is being submitted after 30 months from the priority date.
- Payment of additional pages fees of \$500.00.

- A Sequence Statement.
- A Sequence Listing with a diskette.
- A Preliminary Amendment.

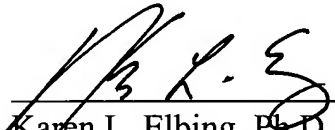
Applicants claim small entity status under 37 C.F.R. § 1.27.

If there are any additional charges or any credits, please apply them to Deposit

Account No. 03-2095.

Respectfully submitted,

Date: 14 Dec 2005



Karen L. Elbing, Ph.D.
Reg. No. 35,238

Clark & Elbing LLP
101 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045

12/21/2005 LLANDGRA 00000058 10540445

| | |
|------------|-----------|
| 01 FC:2617 | 65.00 OP |
| 02 FC:2681 | 500.00 OP |



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U.S. APPLICATION NUMBER NO.

10/540,445

FIRST NAMED APPLICANT

Gary Ruvkun

ATTY. DOCKET NO.

00786/436002

INTERNATIONAL APPLICATION NO.

PCT/US03/41788

I.A. FILING DATE

12/31/2003

PRIORITY DATE

12/31/2002

21559

CLARK & ELBING LLP
101 FEDERAL STREET
BOSTON, MA 02110

CONFIRMATION NO. 1398

371 FORMALITIES LETTER



OC000000017278930

Date Mailed: 10/24/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/22/2005
- Copy of the International Search Report filed on 06/22/2005
- Preliminary Amendments filed on 06/22/2005
- Oath or Declaration filed on 06/22/2005
- Small Entity Statement filed on 06/22/2005
- Request for Immediate Examination filed on 06/22/2005
- U.S. Basic National Fees filed on 06/22/2005
- Priority Documents filed on 06/22/2005
- Specification filed on 06/22/2005
- Claims filed on 06/22/2005
- Abstracts filed on 06/22/2005
- Drawings filed on 06/22/2005

ACTION DUE

DUE DATE

ESP

INITIALS

Reply/Sealisting
12.24.05
4.24.06
JRM

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$565** for a Small Entity:

- **\$65 Surcharge.**
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- The specification and drawings contain more than 100 pages. Applicant owes **\$500** for **159** pages in excess of **100** pages for a small entity in compliance with 37 CFR 1.27.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/540,445 | PCT/US03/41788 | 00786/436002 |

FORM PCT/DO/EO/905 (371 Formalities Notice)